



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Steve Zhihua ZENG

Title:

METHOD AND SYSTEM FOR NOISE REDUCTION IN AN IMAGE

Application No.: 10/673,612

Filed:

09/29/2003

Examiner:

Unknown

Group Art Unit: 2622

Atty. Docket No.: 1459-0300630

(1459-VIXS063)

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## INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

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 $\boxtimes$ Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

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For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance, such as through (i) an English language abstract, (ii) an English language equivalent application, (iii) reference to discussion in the application, or (iv) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

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## STATEMENT UNDER 37 C.F.R. § 1.704(d)

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1	each item of information contained in this Information Disclosure Statement we cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement.			
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,	This In	formation Disclosure Statement is being filed:		
		within three months of the filing date of a national application or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required.		
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l		during the period specified in § 1.97(c). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the filing of this Information Disclosure Statement.		
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Should any PTO fees be necessary for entry of this Information Disclosure Statement, the undersigned hereby authorizes the Commissioner to charge Deposit Account <u>50-1835</u>.

Respectfully submitted,

8-19-05

Date

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

 Complete if Known

 Application Number
 10/673,612

 Filling Date
 09/29/2003

 First Named Inventor
 Steve Zhihua ZENG

 Art Unit
 2622

 Examiner Name
 Unknown

 Attorney Docket Number
 1459-0300630 (1459-VIXS063)

Sheet	Sheet 1 of 8			Attorney Docket Number	1459-0300630 (1459-VIXS063)
			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee of Applicant of Cited Docu	
	AA	<sup>US-</sup> 5,027,203	06-25-1991	Samad, et al.	
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Sheet	eet 2 of 8			Attorney Docket Number	1459-0300630 (1459-VIXS063)
				T DOCUMENTS	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> ( <i>If known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	T <sub>e</sub>
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06-08-2004

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Sheet 3

of 8

Attorney Docket Number

-			U. S. PATENT	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (F known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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·	10 10 10 11 1443 17 10			Application Number	10/673,612		
INF	ORMATION	DIS	CLOSURE	Filing Date	09/29/2003		
STA	STATEMENT BY APPLICANT			First Named Inventor	Steve Zhihua ZENG		
	Alon on many sha		occessed.	Art Unit	2622		
(Use as many sheets as necessary)		Examiner Name	Unknown				
Sheet	4	of	8	Attorney Docket Number	1459-0300630 (1459-VIXS063)		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Substitu	ite for form 1449/PTO			Complete if Known		
Cubant	20 10 10 11 1 1 1 0 1 1 0			Application Number	10/673,312	
INF	ORMATIO	N DIS	SCLOSURE	Filing Date	09/29/2003	
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Steve Zhihua ZENG	
	(Use as many si			Art Unit	2622	
	(Use as many si	ieeis as i	recessary)	Examiner Name	Unknown	
Sheet	5	of	8	Attorney Docket Number	1459-0300630 (1459-VIXS063)	

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published.			
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Jubstitt	ite 101 101111 1445/F1O			Application Number	10/673,612	
INF	ORMATION	I DIS	CLOSURE	Filing Date	09/29/2003	
STA	TEMENT B	BY A	PPLICANT	First Named Inventor	Steve Zhihua ZENG	
	<i>(</i> 11			Art Unit	2622	
	(Use as many sh	eets as n	ecessary)	Examiner Name	Unknown	
Sheet	6	of	8	Attorney Docket Number	1459-0300630 (1459-VIXS063)	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	DJ	FUKUNAGA, Shigeru et al., "MPEG-4 Video Verification Model Version 16.0" International Organization for Standardization: Coding of Moving Pictures and Audio, Vol. N3312, March 2000, pp. 1-380, XP000861688,	
	DK	KRONER, Sabine et al., "Edge Preserving Noise Smoothing With An Optimized Cubic Filter," DEEI, University of Trieste, Trieste, Italy	
	DL	KIM, Jaemin et al., "Spatiotemporal Adaptive 3-D Kalman Filter for Video," pp. 1-12. Samsung Semiconductor, Inc. San Jose, Calfiornia	
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	DN	JOSTSCHULTE, K. et al., "A Subband Based Spatio-Temporal Noise Reduction Technique for Interlaced Video Signals," University Dortmund, Dortmund, Germany	
	DO	KOSSENTINI, Faouzi et al. "Predictive RD Optimized Motion Estimation for Very Low Bit-Rate Video Coding," 1997 IEEE, XP-000726013, pp. 1752-1963, September 1, 1996, 1997 International Conference on Image Processing, Vancouver, Canada	
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	DQ	BRANDENBURG, Karlheinz, "MP3 and AAC Explained," Proceedings of AES 17th International Conference, XP008004053, pp. 99-110, Erlangen, Germany	
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	DS	HASSANZADEGAN, Hooman et al., "A New Method for Clock Recovery in MPEG Decoders," pp. 1-8, Basamad Negar Company, Tehran, Iran	

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Signature	Considered	

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Caballate 10 10 III 14401 10	Application Number	10/673,612	
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	DT	KAN, Kou-Sou et al., "Low-Complexity and Low-Delay Video Transcoding for Compressed MPEG-2 Bitstream," Natinal Central University, Chung-Li, Taiwan	
	DU	MITCHELL et al., "MPEG Video Compression Standard: 15.2 Encorder and Decorder Buffering," Chapman and Hall Digital Multimedia Standards Series, pp. 340-356, XP002115299, ISBN: 0-412-08771-5, Chapman and Hall, New York	
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	DW	"SHARP Product Information: VTST-Series NTSC/PAL Electronic Television Tuners," RF Components Group, Sharp Microelectronics of the America, 1997	
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	DZ	MURIEL, Chris, "What is Digital Satellite Television?," What is Digital Television Rev. 3.0, April 21, 1999, SatCure, Sandbach, England, < <a href="http://www.netcentral.co.uk/satcure/digifaq.htm">http://www.netcentral.co.uk/satcure/digifaq.htm</a> , access on 04/20/2001	
	EA	"CONEXANT Products & Tech Info: Product Briefs: CX24108," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
	EB	"CONEXANT Products & Tech Info: Product Briefs: CX22702," 2000-2002 Conexant Systems, Inc. access on 04/20/2001	
	EC	"TDC: Components for Modems & Digital Infotainment: Direct Broadcast Satellite Chipset," 2001 Telecom Design Communications Ltd., U.K., < <http: index.htm="" modmulti="" settop="" www.tdc.co.uk="">&gt;, access on 04/20/2001</http:>	

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	ED	"White Paper: Super G: Maximizing Wireless Performance," March 2004, Atheros Communications, Inc.," pp. 1-20, Document No. 991-00006-001, Sunnyvale, California	
	EE	KWOK, Y.K. et al., "Efficient Multiple Access Control Using a Channel-Adaptive Protocol for a Wireless ATM-Based Multimedia Services Network," March 29, 2000, Computer Communications 24(2001) 970-983, University of Hong Kong, Hong Kong, PRC	
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	EH	MANNION, Patrick, "IceFyre Device Cools 802.11a Power Consumption," September 24, 2001, Planet Analog, National Semiconductor, < <a href="http://www.planetanalog.com/story/OEG20010924S0079">http://www.planetanalog.com/story/OEG20010924S0079</a> , access on 11/05/2001	
,	EI	"ICE Fyre Semiconductor: IceFyre 5-GHz OFDM Modern Solution," September 2001, pp. 1-6, ICEFYRE: Rethink Wireless, IceFyre Semiconductor, Inc.	
<del></del>	EJ	POZAR, David M., "Theory and Design of Ferrimagnetic Components," 1990, pp. 529, Microwave Engineering, Addison-Wesley Publishing Company, Inc.	
	EK	"Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications: High-Speed Physical Layer in the 5 GHz Band," 1999 IEEE, pp. 1-83, Supplement to IEEE Standard fo rInformation Technology, IEEE Std 802.11a-1999, LAN/MAN Standards Committee	
	EL	CICIORA, Walter S., "Cable Television in the United States: An Overview," May 25, 1995, pp. 1-90, Cable Television Laboratories, Inc., Louisville, Colorado	

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